	Application No.	Applicant(s)	
Notice of Allowability	09/970,768	TAN, ALFRED KENG TIONG	
	Examiner	Art Unit	
	KHAI TRAN	2637	
The MAILING DATE of this communication appeall daims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT Report to the Office or upon petition by the applicant. See 37 CFR 1.313	ears on the cover sheet with (OR REMAINS) CLOSED in to or other appropriate commur IGHTS. This application is su	this application. If not includation will be mailed in due	led course. THIS
1. A This communication is responsive to 10/05/2001.			
2. ☑ The allowed claim(s) is/are <u>1-33</u> .			
3. $igotimes$ The drawings filed on <u>05 October 2001</u> are accepted by th	e Examiner.		
 4. ☐ Acknowledgment is made of a claim for foreign priority unallocation. a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority do International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	e been received. e been received in Application	ı No	ation from the
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		a reply complying with the re	equirements
 A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which giv 			NOTICE OF
6. CORRECTED DRAWINGS (as "replacement sheets") must (a) including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Paper No./Mail Date (beach sheet. Replacement sheet(s) should be labeled as such in the cach sheet. Replacement sheet(s) should be labeled as such in the deposit of the decomposition of the deposit of t	son's Patent Drawing Review s Amendment / Comment or i s.84(c)) should be written on the the header according to 37 CFR sit of BIOLOGICAL MATE	in the Office action of drawings in the front (not the 1.121(d). RIAL must be submitted.	
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/Paper No./Mail Date 3/12/2004 4. ☐ Examiner's Comment Regarding Requirement for Deposit	6. Interview Su Paper No./N 7. Examiner's A	ormal Patent Application (PT mmary (PTO-413), Mail Date Amendment/Comment Statement of Reasons for All	
of Biological Material	9. Other		

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REASONS FOR ALLOWANCE

Allowable Subject Matter

1. Claims 1-33 are allowed.

2. The following is an examiner's statement of reasons for allowance: none of the prior art of the record discloses or suggests a method for coding multi-code division multiple access signal based on Go-CDMA codes, comprising: providing a Go-CDMA matrix; coding a multi-code data message based on the Go-CDMA matrix; and transmitting the coded data message over a communication channel; replacing the Hadamard code with a Go-CDMA code; decoding the data message based on the Go-CDMA matrix; a processor coupled to the memory and the demodulation unit, the processor executing the program instructions to a) provide a multi-code decoding block for decoding block for decoding based on a Hadamard code, b) replace the Hadamard code with a go-code, c) cause the demodulation unit to demodulate the signal to receive a multi-code data message from the communication channel, and d) decode the data message using the multi-code decoding block based on the Go-CDMA codes.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Chaib et al (U.S. Pat. 5,870,414) disclose a method and apparatus for encoding and decoding digital signals.

Stark (U.S. Pat. 5,938,787) discloses a communication system and method employing code rate partitioning with nonorthogonal modulation.

Bang et al (U.S. 202/0097779) disclose orthogonal complex spreading method for multi-channel and apparatus thereof.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to KHAI TRAN whose telephone number is (571) 272-3019. The examiner can normally be reached on 7:00AM - 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, JAY PATEL can be reached on (571) 272-2988. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

KHAI TRAN
Primary Examiner
Art Unit 2637 5/11/05

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EXAMINER'S AMENDMENT

Claims:

Claim 11, line 1, the term "claim 7" has been changed to --claim 10--.

WHAITRAN PRIMARY EXAMINER SILLOS